

All Other Motor Vehicle Parts Manufacturing: 2002

Issued December 2004

EC02-311-336399 (RV)

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

| | |
|---|----|
| Introduction to the Economic Census | v |
| Manufacturing | ix |

Tables

| | |
|---|----|
| 1. Historical Statistics for the Industry: 2002 and Earlier Years ... | 1 |
| 2. Industry Statistics for Selected States: 2002 | 2 |
| 3. Detailed Statistics by Industry: 2002 | 3 |
| 4. Industry Statistics by Employment Size: 2002..... | 4 |
| 5. Industry Statistics by Primary Product Class Specialization: 2002 | 5 |
| 6a. Products Statistics: 2002 and 1997 | 6 |
| 6b. Product Class Shipments for Selected States: 2002 and 1997 . | 8 |
| 7. Materials Consumed by Kind: 2002 and 1997..... | 10 |

Appendixes

| | |
|--|-----|
| A. Explanation of Terms | A-1 |
| B. NAICS Codes, Titles, and Descriptions | B-1 |
| C. Methodology | C-1 |
| D. Geographic Notes | -- |
| E. Metropolitan and Micropolitan Statistical Areas | -- |
| F. Comparability of Product Classes and Product Codes: 2002 to 1997 | F-1 |

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) | |
|--|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|------------|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | | |
| 336399, All other motor vehicle parts manufacturing | 2002.. | 1 172 | 1 447 | 144 082 | 5 129 083 | 113 878 | 225 735 | 3 513 738 | 15 765 987 | 19 746 861 | 35 449 064 | '1 365 529 |
| | 2001.. | N | N | 158 913 | 5 503 071 | 123 672 | 239 160 | 3 485 136 | 14 593 490 | 22 810 709 | 37 570 417 | 1 688 744 |
| | 2000.. | N | N | 185 628 | 6 667 323 | 147 793 | 295 281 | 4 568 141 | 18 259 777 | 25 309 184 | 43 526 317 | 2 133 664 |
| | 1999.. | N | N | 183 696 | 6 337 017 | 146 674 | 297 563 | 4 411 627 | 17 379 741 | 23 587 706 | 40 906 180 | 1 993 112 |
| | 1998.. | N | N | 186 567 | 6 138 537 | 149 363 | 295 521 | 4 322 118 | 16 792 090 | 21 180 313 | 38 027 482 | 1 889 380 |
| | 1997.. | 1 271 | 1 515 | 179 392 | 5 739 398 | 144 196 | 284 081 | 4 060 050 | 15 538 788 | 19 994 870 | 35 510 733 | 1 690 338 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 336399, All other motor vehicle parts manufacturing | | | | | | | | | | | | |
| United States | 1 | 1 447 | 741 | 144 082 | 5 129 083 | 113 878 | 225 735 | 3 513 738 | 15 765 987 | 19 746 861 | 35 449 064 | 1 365 529 |
| Alabama | — | 21 | 7 | 1 394 | 45 933 | 1 032 | 1 945 | 26 689 | 243 684 | 328 447 | 573 328 | 131 180 |
| Arizona | — | 27 | 9 | 1 804 | 74 595 | 1 374 | 2 907 | 45 864 | 214 244 | 345 177 | 555 067 | 116 919 |
| Arkansas | 1 | 9 | 6 | 2 294 | 75 785 | 1 792 | 4 023 | 53 409 | 195 092 | 147 534 | 342 548 | 128 423 |
| California | 2 | 208 | 89 | 12 958 | 415 567 | 10 413 | 21 716 | 283 593 | 1 094 785 | 964 776 | 2 058 189 | 168 663 |
| Colorado | 1 | 16 | 4 | 1 146 | 40 578 | 832 | 1 415 | 21 542 | 96 817 | 98 703 | 197 192 | 12 684 |
| Connecticut | — | 11 | 5 | 562 | 23 752 | 429 | 897 | 16 472 | 84 186 | 48 182 | 134 389 | 11 573 |
| Florida | 1 | 39 | 12 | 1 744 | 48 180 | 1 281 | 2 896 | 26 786 | 107 351 | 138 658 | 246 158 | 116 309 |
| Georgia | 2 | 31 | 14 | 2 784 | 107 472 | 1 843 | 3 947 | 56 468 | 253 674 | 332 864 | 576 081 | 114 991 |
| Illinois | — | 55 | 29 | 6 119 | 205 598 | 4 836 | 9 303 | 142 017 | 877 234 | 529 492 | 1 397 775 | 170 977 |
| Indiana | — | 93 | 58 | 14 991 | 518 288 | 11 789 | 24 156 | 358 329 | 1 535 519 | 2 296 995 | 3 837 670 | 196 511 |
| Iowa | — | 16 | 9 | 2 361 | 71 284 | 2 088 | 4 012 | 57 593 | 263 521 | 184 330 | 444 552 | 18 916 |
| Kansas | — | 13 | 5 | 1 279 | 42 324 | 1 108 | 2 330 | 34 032 | 116 009 | 148 125 | 263 911 | 114 436 |
| Kentucky | 1 | 41 | 34 | 7 062 | 256 146 | 5 495 | 11 072 | 168 867 | 594 870 | 967 908 | 1 558 035 | 142 594 |
| Maryland | — | 7 | 4 | 313 | 10 361 | 251 | 497 | 7 317 | 26 485 | 20 646 | 47 515 | 15 900 |
| Massachusetts | 7 | 11 | 4 | 226 | 8 069 | 171 | 354 | 4 946 | 18 283 | 21 502 | 39 985 | 11 300 |
| Michigan | — | 199 | 127 | 25 703 | 1 046 900 | 20 200 | 36 265 | 707 577 | 2 776 460 | 4 285 068 | 7 050 689 | 1248 391 |
| Minnesota | 2 | 19 | 4 | 460 | 14 922 | 363 | 726 | 9 979 | 25 218 | 44 232 | 70 181 | 12 133 |
| Mississippi | 6 | 9 | 7 | 1 202 | 39 281 | 964 | 1 974 | 27 422 | 132 439 | 124 221 | 254 801 | 112 548 |
| Missouri | 1 | 31 | 17 | 4 334 | 135 151 | 3 690 | 6 975 | 102 035 | 432 111 | 625 098 | 1 046 056 | 127 022 |
| Nevada | 1 | 7 | 3 | 179 | 6 095 | 132 | 279 | 3 623 | 10 039 | 16 496 | 26 357 | 13 431 |
| North Carolina | — | 37 | 20 | 5 779 | 182 393 | 4 148 | 7 783 | 129 095 | 627 481 | 449 923 | 1 063 984 | 175 788 |
| Ohio | 1 | 122 | 72 | 12 048 | 437 080 | 9 865 | 20 296 | 322 568 | 1 194 862 | 2 202 581 | 3 390 070 | 211 722 |
| Oklahoma | 1 | 14 | 6 | 1 037 | 42 493 | 703 | 1 529 | 22 273 | 35 814 | 161 856 | 197 574 | 12 936 |
| Oregon | 1 | 27 | 8 | 1 082 | 42 429 | 757 | 1 102 | 26 854 | 153 189 | 95 004 | 247 472 | 15 999 |
| Pennsylvania | 6 | 33 | 17 | 1 793 | 71 537 | 1 310 | 2 681 | 36 578 | 260 562 | 491 900 | 752 768 | 119 718 |
| South Carolina | — | 21 | 13 | 2 580 | 98 082 | 2 036 | 4 364 | 67 102 | 247 191 | 460 855 | 704 063 | 126 108 |
| Tennessee | 1 | 62 | 42 | 10 804 | 337 726 | 8 726 | 19 118 | 239 747 | 1 272 756 | 1 558 461 | 2 827 511 | 184 932 |
| Texas | 2 | 63 | 24 | 2 528 | 84 437 | 1 927 | 3 423 | 49 838 | 162 235 | 149 712 | 327 586 | 114 118 |
| Virginia | 2 | 14 | 11 | 1 657 | 48 447 | 1 444 | 3 198 | 37 628 | 196 603 | 154 117 | 355 962 | 18 584 |
| Wisconsin | — | 42 | 28 | 5 089 | 215 240 | 4 384 | 9 121 | 172 868 | 1 336 734 | 691 693 | 2 021 698 | 129 477 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|-----------------------|
| 336399, All other motor vehicle parts manufacturing | |
| Companies ¹ | number.. 1 172 |
| All establishments ² | number.. 1 447 |
| Establishments with 1 to 19 employees | number.. 706 |
| Establishments with 20 to 99 employees | number.. 375 |
| Establishments with 100 employees or more | number.. 366 |
| All employees ³ | number.. 144 082 |
| Total compensation | \$1,000.. 6 825 297 |
| Annual payroll | \$1,000.. 5 129 083 |
| Total fringe benefits | \$1,000.. 1 696 214 |
| Production workers, average for year | number.. 113 878 |
| Production workers on March 12 | number.. 112 839 |
| Production workers on May 12 | number.. 114 546 |
| Production workers on August 12 | number.. 114 454 |
| Production workers on November 12 | number.. 113 504 |
| Production worker hours | 1,000.. 225 735 |
| Production worker wages | \$1,000.. 3 513 738 |
| Total cost of materials | \$1,000.. 19 746 861 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 18 152 652 |
| Resales | \$1,000.. 904 588 |
| Purchased fuels | \$1,000.. 117 128 |
| Purchased electricity | \$1,000.. 254 223 |
| Contract work | \$1,000.. 318 270 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 4 708 483 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. S |
| Total value of shipments | \$1,000.. 35 449 064 |
| Primary products value of shipments | \$1,000.. 32 893 394 |
| Secondary products value of shipments | \$1,000.. 1 375 162 |
| Total miscellaneous receipts | \$1,000.. 1 180 508 |
| Value of resales | \$1,000.. 1 079 990 |
| Contract receipts | \$1,000.. 41 244 |
| Other miscellaneous receipts | \$1,000.. 59 274 |
| Primary products specialization ratio | percent.. 96 |
| Value of primary products shipments made in all industries | \$1,000.. 36 834 006 |
| Value of primary products shipments made in this industry | \$1,000.. 32 893 394 |
| Value of primary products shipments made in other industries | \$1,000.. 3 940 612 |
| Coverage ratio | percent.. 89 |
| Value added | \$1,000.. 15 765 987 |
| Total inventories, beginning of year | \$1,000.. 2 226 089 |
| Finished goods inventories | \$1,000.. 773 934 |
| Work-in-process inventories | \$1,000.. 441 722 |
| Materials and supplies inventories | \$1,000.. 1 010 433 |
| Total inventories, end of year | \$1,000.. 2 344 753 |
| Finished goods inventories | \$1,000.. 803 337 |
| Work-in-process inventories | \$1,000.. 476 103 |
| Materials and supplies inventories | \$1,000.. 1 065 313 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. '13 085 246 |
| Total capital expenditures (new and used) | \$1,000.. '1 365 529 |
| Buildings and other structures (new and used) | \$1,000.. '146 661 |
| Machinery and equipment (new and used) | \$1,000.. '1 218 868 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '20 818 |
| Computers and peripheral data processing equipment | \$1,000.. '51 946 |
| All other expenditures for machinery and equipment | \$1,000.. '1 146 104 |
| Total retirements | \$1,000.. '734 043 |
| Gross value of depreciable assets at end of year | \$1,000.. '13 696 732 |
| Depreciation charges during year | \$1,000.. '1 121 018 |
| Total rental payments | \$1,000.. 322 348 |
| Buildings and other structures | \$1,000.. 165 600 |
| Machinery and equipment | \$1,000.. 156 748 |
| Total other expenses ⁴ | \$1,000.. 2 250 543 |
| Response coverage ratio ⁵ | percent.. 85 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 282 156 |
| Communications services ⁴ | \$1,000.. 58 622 |
| Legal services ⁴ | \$1,000.. 23 232 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 11 988 |
| Advertising and promotional services ⁴ | \$1,000.. 31 233 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 60 531 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 26 752 |
| Management consulting and administrative services ⁴ | \$1,000.. 78 119 |
| Taxes and license fees ⁴ | \$1,000.. 101 766 |
| All other expenses ⁴ | \$1,000.. 1 576 145 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 336399, All other motor vehicle parts manufacturing | | | | | | | | | | | |
| All establishments | 1 | 1 447 | 144 082 | 5 129 083 | 113 878 | 225 735 | 3 513 738 | 15 765 987 | 19 746 861 | 35 449 064 | '1 365 529 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 8 | 348 | 742 | 22 997 | 589 | 1 079 | 16 193 | 63 094 | 65 251 | 128 629 | '3 909 |
| 5 to 9 employees | 7 | 163 | 1 114 | 38 700 | 903 | 1 770 | 26 836 | 103 682 | 112 325 | 217 940 | '9 890 |
| 10 to 19 employees | 6 | 195 | 2 744 | 93 924 | 2 162 | 4 224 | 62 518 | 293 107 | 287 356 | 577 220 | '14 510 |
| 20 to 49 employees | 3 | 225 | 7 138 | 244 658 | 5 363 | 10 611 | 147 713 | 656 492 | 669 860 | 1 316 333 | '130 767 |
| 50 to 99 employees | 2 | 150 | 10 409 | 341 061 | 8 049 | 16 243 | 213 718 | 985 876 | 1 087 287 | 2 058 889 | '100 939 |
| 100 to 249 employees | 1 | 182 | 29 369 | 997 898 | 22 990 | 45 275 | 670 327 | 3 201 809 | 3 647 003 | 6 828 711 | '200 411 |
| 250 to 499 employees | 1 | 119 | 41 812 | 1 430 341 | 33 307 | 66 769 | 985 306 | 3 797 779 | 4 812 759 | 8 617 197 | '289 130 |
| 500 to 999 employees | 1 | 53 | 34 860 | 1 347 173 | 28 000 | 58 106 | 945 232 | 4 787 566 | 5 871 604 | 10 642 967 | '394 150 |
| 1,000 to 2,499 employees | — | 12 | 15 894 | 612 331 | 12 515 | 21 658 | 445 895 | 1 876 582 | 3 193 416 | 5 061 178 | 221 823 |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 486 | 2 613 | 85 119 | 2 200 | 4 293 | 62 556 | 216 153 | 242 599 | 458 220 | '15 492 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|---|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 336399 | All other motor vehicle parts manufacturing | 1 447 | 144 082 | 5 129 083 | 113 878 | 225 735 | 3 513 738 | 15 765 987 | 19 746 861 | 35 449 064 | '1 365 529 |
| 3363991 | Filters for internal combustion engines and motor vehicles, new .. | 41 | 12 409 | 427 386 | 10 019 | 20 435 | 301 960 | 1 721 262 | 1 158 331 | 2 865 276 | '79 220 |
| 3363993 | Exhaust system parts, new | 81 | 17 399 | 678 186 | 14 159 | 26 579 | 485 309 | 2 923 804 | 4 695 872 | 7 615 020 | '224 350 |
| 3363995 | Motor vehicle wheels, new | 49 | 13 427 | 479 898 | 11 000 | 23 834 | 345 653 | 1 292 133 | 1 470 931 | 2 759 174 | '121 825 |
| 3363996 | Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers) | 25 | 2 131 | 80 880 | 1 502 | 3 101 | 48 840 | 255 831 | 152 662 | 408 353 | '20 229 |
| 3363998 | All other motor vehicle parts and accessories, new and rebuilt | 455 | 76 116 | 2 739 427 | 58 308 | 116 129 | 1 801 905 | 7 895 139 | 10 668 049 | 18 531 133 | '787 758 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|--------------------------|
| | | | | Quantity | Value (\$1,000) |
| 336399 | All other motor vehicle parts manufacturing | 2002.. N 1997.. N | X X | X X | 36 834 006 35 521 416 |
| 3363991 | Filters for internal combustion engines and motor vehicles, new | 2002.. N 1997.. N | X X | X X | 2 811 037 2 463 396 |
| 33639911 | Filters for internal combustion engines and motor vehicles, new | 2002.. N 1997.. N | X X | X X | 2 767 875 2 374 703 |
| 3363991101 | Oil filters for internal combustion engines and motor vehicles, new, light-duty (car and light truck) | 2002.. 14 1997.. 11 | X X | X X | 875 109 597 632 |
| 3363991104 | Oil filters for internal combustion engines and motor vehicles, new, heavy-duty | 2002.. 9 1997.. 10 | X X | X X | 350 943 350 201 |
| 3363991107 | Fuel filters for internal combustion engines and motor vehicles, new, light-duty (car and light truck) | 2002.. 13 1997.. 17 | X X | X X | 279 531 294 291 |
| 3363991111 | Fuel filters for internal combustion engines and motor vehicles, new, heavy-duty | 2002.. 10 1997.. 6 | X X | X X | 252 502 220 184 |
| 3363991113 | Air filters for internal combustion engines and motor vehicles, new, light-duty (car and light truck) | 2002.. 14 1997.. 19 | X X | X X | 398 344 387 326 |
| 3363991116 | Air filters for internal combustion engines and motor vehicles, new, heavy-duty | 2002.. 8 1997.. 9 | X X | X X | 388 498 325 320 |
| 3363991119 | Other filters for internal combustion engines and motor vehicles (including coolant and hydraulic), new, light- (car and light truck) and heavy-duty | 2002.. 9 1997.. 12 | X X | X X | 222 948 199 749 |
| 3363991Y | Filters for internal combustion engines and motor vehicles, new, nsk | 2002.. N 1997.. N | X X | X X | 43 162 88 693 |
| 3363991YVV | Filters for internal combustion engines and motor vehicles, new, nsk | 2002.. N 1997.. N | X X | X X | 43 162 88 693 |
| 3363993 | Exhaust system parts, new | 2002.. N 1997.. N | X X | X X | 7 194 463 5 035 692 |
| 33639931 | Exhaust system parts, new | 2002.. N 1997.. N | X X | X X | 7 183 730 4 999 226 |
| 3363993101 | Exhaust system mufflers (including standard, sports or glass pack) and resonators, new, for motor vehicles | 2002.. 37 1997.. 29 | X X | X X | 1 918 417 1 097 629 |
| 3363993104 | Exhaust system pipes, including exhaust, intermediate, connecting, crossover, tail, and side pipes | 2002.. 47 1997.. 37 | X X | X X | 1 721 048 1 308 998 |
| 3363993107 | Exhaust system catalytic converters, new, for motor vehicles | 2002.. 20 1997.. 18 | X X | X X | 3 544 265 2 592 599 |
| 3363993Y | Exhaust system parts, new, nsk | 2002.. N 1997.. N | X X | X X | 10 733 36 466 |
| 3363993YVV | Exhaust system parts, new, nsk | 2002.. N 1997.. N | X X | X X | 10 733 36 466 |
| 3363995 | Motor vehicle wheels, new | 2002.. N 1997.. N | X X | X X | 2 665 734 3 439 804 |
| 33639951 | Motor vehicle wheels, new | 2002.. N 1997.. N | X X | X X | 2 600 760 3 347 404 |
| 3363995101 | Car and light truck wheels, steel, new | 2002.. 10 1997.. 14 | X X | X X | 440 297 980 441 |
| 3363995104 | Car and light truck wheels, aluminum, new | 2002.. 20 1997.. 23 | X X | X X | 1 726 076 1 655 098 |
| 3363995107 | Other car and light truck wheels, including combination, new | 2002.. 7 1997.. 6 | X X | X X | 202 320 192 622 |
| 3363995111 | Heavy truck and bus type wheels, including those used for truck trailers and trailer coaches | 2002.. 10 1997.. 12 | X X | X X | 232 067 519 243 |
| 3363995Y | Motor vehicle wheels, new, nsk | 2002.. N 1997.. N | X X | X X | 64 974 92 400 |
| 3363995YVV | Motor vehicle wheels, new, nsk | 2002.. N 1997.. N | X X | X X | 64 974 92 400 |
| 3363996 | Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers) | 2002.. N 1997.. N | X X | X X | 322 838 N |
| 33639961 | Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers) | 2002.. N 1997.. N | X X | X X | 322 838 N |
| 3363996100 | Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers) | 2002.. 32 1997.. N | X X | X X | 322 838 N |
| 3363998 | All other motor vehicle parts and accessories, new and rebuilt | 2002.. N 1997.. N | X X | X X | 20 839 431 N |
| 33639981 | Motor vehicle bumper assemblies, bumpers, and parts, new | 2002.. N 1997.. N | X X | X X | 1 322 682 N |
| 3363998103 | Motor vehicle bumper assemblies, bumpers, and parts for cars and light trucks (10,000 lb GVW and less), new | 2002.. 28 1997.. N | X X | X X | 1 228 639 N |
| 3363998105 | Motor vehicle bumper assemblies, bumpers, and parts for heavy trucks (greater than 10,000 lb GVW), new | 2002.. 15 1997.. N | X X | X X | 94 043 N |
| 33639982 | Motor vehicle frames, new | 2002.. N 1997.. N | X X | X X | 1 938 708 N |
| 3363998204 | Motor vehicle frames, new | 2002.. 18 1997.. N | X X | X X | 1 938 708 N |
| 33639983 | Motor vehicle fuel tanks, new | 2002.. N 1997.. N | X X | X X | 543 611 N |
| 3363998307 | Motor vehicle fuel tanks, new | 2002.. 15 1997.. N | X X | X X | 543 611 N |

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 336399 | All other motor vehicle parts manufacturing—Con. | | | | |
| 3363998 | All other motor vehicle parts and accessories, new and rebuilt—Con. | | | | |
| 33639984 | Radiators, radiator shells and cores, new | 2002.. N | X | X | 1 546 303 |
|  | ..... | 1997.. N | X | X | N |
| 3363998401 | Gasoline engine radiators, complete, new, for motor vehicles | 2002.. 22 | X | X | 1 149 446 |
|  | ..... | 1997.. N | X | X | N |
| 3363998405 | Gasoline engine radiator shells and cores, new, for motor vehicles | 2002.. 17 | X | X | 207 194 |
|  | ..... | 1997.. N | X | X | N |
| 3363998409 | Stationary engine radiators for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines | 2002.. 13 | X | X | 189 663 |
|  | ..... | 1997.. N | X | X | N |
| 33639985 | All other motor vehicle parts, new and rebuilt | 2002.. N | X | X | 15 404 594 |
|  | ..... | 1997.. N | X | X | N |
| 3363998514 | Motor vehicle air-conditioning hose assemblies, new | 2002.. 19 | X | X | 423 433 |
|  | ..... | 1997.. N | X | X | N |
| 3363998524 | Motor vehicle windshield wiper blades, new | 2002.. 7 | X | X | 136 752 |
|  | ..... | 1997.. N | X | X | N |
| 3363998525 | Truck and trailer liftgates, new | 2002.. 10 | X | X | D |
|  | ..... | 1997.. N | X | X | N |
| 3363998527 | Motor vehicle convertible tops, new | 2002.. 15 | X | X | 230 309 |
|  | ..... | 1997.. N | X | X | N |
| 3363998531 | Motor vehicle sunroofs and parts, new | 2002.. 11 | X | X | 494 927 |
|  | ..... | 1997.. N | X | X | N |
| 3363998532 | Motor vehicle doors, new | 2002.. 8 | X | X | 190 112 |
|  | ..... | 1997.. N | X | X | N |
| 3363998534 | Motor vehicle air bag assemblies and parts, new | 2002.. 21 | X | X | 3 294 363 |
|  | ..... | 1997.. N | X | X | N |
| 3363998537 | Motor vehicle heater cores, new | 2002.. 2 | X | X | D |
|  | ..... | 1997.. N | X | X | N |
| 3363998541 | Luggage and utility racks | 2002.. 15 | X | X | 344 818 |
|  | ..... | 1997.. N | X | X | N |
| 3363998550 | All other motor vehicle parts and accessories, new | 2002.. 349 | X | X | 9 780 635 |
|  | ..... | 1997.. N | X | X | N |
| 3363998554 | Other motor vehicle parts, excluding carburetors and engine electrical equipment, rebuilt | 2002.. 36 | X | X | 390 233 |
|  | ..... | 1997.. N | X | X | N |
| 3363998Y | All other motor vehicle parts and accessories, new and rebuilt, nsk | 2002.. N | X | X | 83 533 |
|  | ..... | 1997.. N | X | X | N |
| 3363998YWV | All other motor vehicle parts and accessories, new and rebuilt, nsk | 2002.. N | X | X | 83 533 |
|  | ..... | 1997.. N | X | X | N |
| 336399W | All other motor vehicle parts manufacturing, nsk, total | 2002.. N | X | X | 3 000 503 |
|  | ..... | 1997.. N | X | X | 1 891 490 |
| 336399WY | All other motor vehicle parts manufacturing, nsk, total | 2002.. N | X | X | 3 000 503 |
|  | ..... | 1997.. N | X | X | 1 891 490 |
| 336399WYWW | All other motor vehicle parts manufacturing, nsk, for nonadministrative-record establishments | 2002.. N | X | X | 2 562 942 |
|  | ..... | 1997.. N | X | X | 1 600 165 |
| 336399WYWY | All other motor vehicle parts manufacturing, nsk, for administrative-record establishments | 2002.. N | X | X | 437 561 |
|  | ..... | 1997.. N | X | X | 291 325 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 3363991 | Filters for internal combustion engines and motor vehicles, new | |
| | United States..... 2002.. | 2 811 037 |
| | 1997.. | 2 463 396 |
| | California..... 2002.. | 205 505 |
| | 1997.. | 107 005 |
| | Iowa..... 2002.. | 245 101 |
| | 1997.. | 298 654 |
| | Michigan..... 2002.. | 103 750 |
| | 1997.. | 130 958 |
| | North Carolina..... 2002.. | 643 082 |
| | 1997.. | N |
| | Ohio..... 2002.. | 175 194 |
| | 1997.. | 180 419 |
| | Wisconsin..... 2002.. | 181 563 |
| | 1997.. | 113 076 |
| 3363993 | Exhaust system parts, new | |
| | United States..... 2002.. | 7 194 463 |
| | 1997.. | 5 035 692 |
| | California..... 2002.. | 333 825 |
| | 1997.. | 255 538 |
| | Indiana..... 2002.. | 1 178 677 |
| | 1997.. | 856 203 |
| | Kentucky..... 2002.. | 78 924 |
| | 1997.. | N |
| | Michigan..... 2002.. | 1 749 237 |
| | 1997.. | 796 449 |
| | Ohio..... 2002.. | 648 226 |
| | 1997.. | 421 343 |
| | Tennessee..... 2002.. | 372 800 |
| | 1997.. | 308 602 |
| 3363995 | Motor vehicle wheels, new | |
| | United States..... 2002.. | 2 665 734 |
| | 1997.. | 3 439 804 |
| | California..... 2002.. | 845 020 |
| | 1997.. | 803 095 |
| | Indiana..... 2002.. | 343 345 |
| | 1997.. | 386 623 |
| | Kentucky..... 2002.. | 365 892 |
| | 1997.. | 469 899 |
| | Ohio..... 2002.. | 161 309 |
| | 1997.. | 343 396 |
| 3363996 | Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers) | |
| | United States..... 2002.. | 322 838 |
| | 1997.. | N |
| | California..... 2002.. | 65 103 |
| | 1997.. | N |
| | Michigan..... 2002.. | 92 225 |
| | 1997.. | N |
| 3363998 | All other motor vehicle parts and accessories, new and rebuilt | |
| | United States..... 2002.. | 20 839 431 |
| | 1997.. | N |
| | Alabama..... 2002.. | 429 922 |
| | 1997.. | N |
| | Arkansas..... 2002.. | 108 442 |
| | 1997.. | N |
| | California..... 2002.. | 611 821 |
| | 1997.. | N |
| | Colorado..... 2002.. | 182 756 |
| | 1997.. | N |
| | Connecticut..... 2002.. | 105 649 |
| | 1997.. | N |
| | Florida..... 2002.. | 154 502 |
| | 1997.. | N |
| | Georgia..... 2002.. | 393 223 |
| | 1997.. | N |
| | Illinois..... 2002.. | 868 138 |
| | 1997.. | N |
| | Indiana..... 2002.. | 1 912 246 |
| | 1997.. | N |
| | Iowa..... 2002.. | 140 231 |
| | 1997.. | N |
| | Kentucky..... 2002.. | 1 325 246 |
| | 1997.. | N |
| | Maryland..... 2002.. | 35 454 |
| | 1997.. | N |
| | Massachusetts..... 2002.. | 9 901 |
| | 1997.. | N |
| | Michigan..... 2002.. | 4 880 833 |
| | 1997.. | N |
| | Minnesota..... 2002.. | 101 542 |
| | 1997.. | N |
| | Mississippi..... 2002.. | 242 371 |
| | 1997.. | N |
| | Missouri..... 2002.. | 608 947 |
| | 1997.. | N |
| | North Carolina..... 2002.. | 219 374 |
| | 1997.. | N |
| | Ohio..... 2002.. | 1 988 307 |
| | 1997.. | N |
| | Oklahoma..... 2002.. | 39 812 |
| | 1997.. | N |
| | Oregon..... 2002.. | 185 960 |
| | 1997.. | N |
| | Pennsylvania..... 2002.. | 194 068 |
| | 1997.. | N |

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 3363998 | All other motor vehicle parts and accessories, new and rebuilt—Con. | |
| | United States—Con. | |
| | South Carolina 2002.. | 674 750 |
| | 1997.. | N |
| | Tennessee 2002.. | 1 732 555 |
| | 1997.. | N |
| | Texas 2002.. | 189 942 |
| | 1997.. | N |
| | Virginia 2002.. | 66 948 |
| | 1997.. | N |
| | Wisconsin 2002.. | 392 504 |
| | 1997.. | N |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|--|----------|--------------------------|
| 336399 | All other motor vehicle parts manufacturing | | |
| 00900001 | Total materials .....2002.. | X | 18 152 652 |
| |1997.. | X | 18 295 570 |
| 33151001 | Iron and steel castings (rough and semifinished) .....2002.. | X | 615 073 |
| |1997.. | X | 410 285 |
| 33152005 | Aluminum and aluminum-base alloy castings (rough and semifinished) .....2002.. | X | 355 283 |
| |1997.. | X | 265 903 |
| 33152003 | Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-base alloy).....2002.. | X | 55 978 |
| |1997.. | X | 121 146 |
| 33120007 | Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002.. | X | 123 992 |
| |1997.. | X | 362 019 |
| 33120016 | Steel sheet and strip (including tinplate) .....2002.. | X | 599 645 |
| |1997.. | X | N |
| 33120033 | All other steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002.. | X | 314 644 |
| |1997.. | X | 493 677 |
| 33142111 | Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002.. | X | 44 151 |
| |1997.. | X | 76 331 |
| 33100038 | Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002.. | X | 348 919 |
| |1997.. | X | N |
| 33100082 | Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products).....2002.. | X | 92 757 |
| |1997.. | X | N |
| 33299101 | Ball and roller bearings (mounted or unmounted) .....2002.. | X | 30 789 |
| |1997.. | X | N |
| 32610007 | Fabricated plastics products (excluding gaskets, hoses, and belting) .....2002.. | X | 286 739 |
| |1997.. | X | N |
| 32610013 | Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002.. | X | 111 792 |
| |1997.. | X | 202 362 |
| 32521105 | Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002.. | X | 273 261 |
| |1997.. | X | 469 727 |
| 32600017 | Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets) .....2002.. | X | 57 730 |
| |1997.. | X | 69 524 |
| 32622001 | Rubber and plastics hose and belting .....2002.. | X | 46 069 |
| |1997.. | X | 84 089 |
| 32500023 | Ceramic raw materials (including powders, chemicals, and fibers), excluding refractory uses.....2002.. | X | D |
| |1997.. | X | 127 186 |
| 32700035 | Ceramic and ceramic composite parts, components, and accessories .....2002.. | X | D |
| |1997.. | X | 255 029 |
| 33999103 | Gaskets (all types), and packing and sealing devices .....2002.. | X | 67 606 |
| |1997.. | X | 110 120 |
| 32551002 | Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product .....2002.. | X | 202 120 |
| |1997.. | X | N |
| 32552002 | Glues and adhesives.....2002.. | X | 29 565 |
| |1997.. | X | N |
| 00190003 | Flexible packaging materials .....2002.. | X | 41 637 |
| |1997.. | X | 32 962 |
| 32220015 | Paper and paperboard containers .....2002.. | X | 180 180 |
| |1997.. | X | 274 878 |
| 33632201 | Spark plugs for internal combustion engines .....2002.. | X | D |
| |1997.. | X | N |
| 33632203 | Starting motors for internal combustion engines .....2002.. | X | D |
| |1997.. | X | N |
| 33632204 | Distributors for internal combustion engines .....2002.. | X | D |
| |1997.. | X | N |
| 33632219 | All other engine electrical equipment for internal combustion engines.....2002.. | X | D |
| |1997.. | X | N |
| 33441500 | Resistors for electronic circuitry .....2002.. | X | D |
| |1997.. | X | N |
| 33441400 | Capacitors for electronic circuitry .....2002.. | X | 1 240 |
| |1997.. | X | N |
| 33441300 | Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry .....2002.. | X | D |
| |1997.. | X | N |
| 001900D3 | All other miscellaneous components and accessories, for electronic circuitry (excluding tubes) .....2002.. | X | 99 227 |
| |1997.. | X | N |
| 00999826 | Core parts purchased for use in remanufacturing and rebuilding .....2002.. | X | 1 559 284 |
| |1997.. | X | 442 937 |
| 33441200 | Printed circuit boards (without inserted components) for electronic circuitry.....2002.. | X | D |
| |1997.. | X | N |
| 33272203 | Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002.. | X | 935 928 |
| |1997.. | X | 294 452 |
| 33200019 | Other fabricated metal products (excluding fluid power, forgings, automotive stamping and bolts, nuts, screws, rivets, washers, and screw machine products) .....2002.. | X | 1 555 058 |
| |1997.. | X | 866 492 |
| 33210000 | Forgings .....2002.. | X | 71 307 |
| |1997.. | X | N |
| 331000A1 | Insulated wire and cable (excluding magnet wire) .....2002.. | X | 50 432 |
| |1997.. | X | N |
| 33361200 | Mechanical speed changers, gears, and industrial high-speed drives .....2002.. | X | D |
| |1997.. | X | N |
| 33399601 | Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic) .....2002.. | X | 134 019 |
| |1997.. | X | D |
| 33291207 | Fluid power valves (hydraulic and pneumatic) .....2002.. | X | 2 316 |
| |1997.. | X | D |
| 33399501 | Fluid power cylinders and rotary actuators (hydraulic and pneumatic) .....2002.. | X | 4 531 |
| |1997.. | X | D |
| 33291203 | Fluid power hose and tube fittings and assemblies (hydraulic and pneumatic) .....2002.. | X | 103 918 |
| |1997.. | X | D |
| 33399901 | Fluid power filters (hydraulic and pneumatic) .....2002.. | X | 13 572 |
| |1997.. | X | D |
| 00190087 | Other transportation related fluid power products, hydraulic and pneumatic .....2002.. | X | 2 004 |
| |1997.. | X | N |
| 33637000 | Automotive stampings (including body parts, hubcaps, fenders, etc.) .....2002.. | X | 1 618 343 |
| |1997.. | X | 996 756 |

See footnotes at end of table.

Table 7. Materials Consumed by Kind: 2002 and 1997—Con.

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|---|----------|--------------------------|
| 336399 | All other motor vehicle parts manufacturing—Con. | | |
| 33593101 | Current-carrying wiring devices | X | 103 784 |
| | 2002.. | X | N |
| | 1997.. | X | N |
| 32500046 | Other chemicals and allied products | X | 88 523 |
| | 2002.. | X | N |
| | 1997.. | X | N |
| 00970099 | All other materials and components, parts, containers, and supplies | X | 5 191 266 |
| | 2002.. | X | 8 530 299 |
| | 1997.. | X | 2 270 564 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk | X | 3 610 719 |
| | 2002.. | X | |
| | 1997.. | X | |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.